

Application No. 10/022,269  
Amendment dated January 17, 2006  
Reply to Office Action of October 5, 2005

Docket No. MESH032

### REMARKS/ARGUMENTS

Submitted herewith are new Powers of Attorney and a Change in Correspondence Address in this application. It is respectfully requested that the Docket Number in this application be changed to read – MESH032.

Reconsideration of this application in light of the present amendment and remarks is respectfully requested. In the outstanding office action, claims 1-20 are pending in the application. Claims 1-20 are rejected.

In response to the office action, claims 1, 2, 3, 6, 8, 9, 12, 15, 16, 17, 19, and 20 were amended. Claims 4, 5, 10, 11, 13, 14, and 18 were cancelled. Claim 7 was unchanged.

#### Rejection of Claims 1, 4-7, 9-15, and 17-20 under 35 U.S.C. § 102(e) as being anticipated by Ramanathan (US Patent No. 6,577,613 B1)

The rejection of claims 4, 5, 10, 11, 13, 14, and 18 under 35 U.S.C. § 102(e) as being anticipated by Ramanathan (US Patent No. 6,577,613 B1) is moot in view of the cancellation of such claims.

Applicant respectfully requests reconsideration of the rejection of claims 1, 6-7, 9, 12, 15, 17, 19, and 20 under 35 U.S.C. § 102(e) as being anticipated by Ramanathan (US Patent No. 6,577,613 B1) as herein amended.

Independent claim 1 has been amended to clarify that the transmitted request to send message is directed to a plurality of relay nodes. Independent claim 1 has further been amended to clarify that the mobile node receives a clear to send message from at least one of the plurality of relay nodes and then transmits the same data packet to each of the relay nodes from which it received a clear to send message. Independent claim 1 has further been amended to clarify that the data packet is further transmitted to the destination node by each of the at least one of the plurality of relay nodes.

Independent claim 9 has been amended to clarify the method of communicating a data packet to a destination node. Specifically, claim 9 has been amended to clarify the data packet is transmitted from at least one of a plurality of relay nodes to the destination node when a clear to send message is sent from the destination node to at least one of the plurality of relay nodes.

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Independent claim 12 has been amended to clarify that the transmitter is adapted to transmit a request to send message directed to a plurality of relay nodes. Independent claim 12 has further been amended to clarify that the controller is adapted to receive a clear to send message from at least one of the plurality of relay nodes and then control the transmitter to transmit the same data packet to each of the relay nodes in which it received a clear to send message.

Independent claim 17 has been amended to clarify that the mobile node is adapted to send a clear to send message to a plurality of relay nodes and that the plurality of relay nodes send the data packet to the mobile node upon receiving the clear to send message.

Applicant respectfully submits that Ramanathan (US Patent No. 6,577,613 B1) does not anticipate the invention recited in amended Claims 1,9,12, and 17. Ramanathan (US Patent No. 6,577,613 B1) only discloses a client that transmits a RTS to one server. The other units in the network overhear the RTS, but the RTS is not directed at them. Ramanathan (US Patent No. 6,577,613 B1) does not anticipate the method of transmitting a RTS message to a plurality of relay nodes. Ramanathan further does not disclose a client that transmits a packet to "each respective one of said relay nodes". Ramanathan does not anticipate using the same transmission request and the same packet transmission to propagate the packet along multiple paths in the network. Ramanathan only addresses the issue of one transmission between two nodes.

Applicant respectfully requests reconsideration of the rejection of claims 6 and 7 as herein amended. Claims 6 and 7 contain further limitations of the now believed to be allowable amended claim 1.

Applicant respectfully requests reconsideration of the rejection of claim 15 as herein amended. Claim 15 contains further limitations of the now believed to be allowable amended claim 12.

Applicant respectfully requests reconsideration of the rejection of claims 19 and 20 as herein amended. Claims 19 and 20 contain further limitations of the now believed to be allowable amended claim 17.

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**Rejection of Claims 2 and 3 under 35 U.S.C. § 103(A) as being unpatentable over Ramanathan (US Patent No. 6,577,613 B1) in view of Teder et al (US Patent No. 5,828,659)**

Applicant respectfully requests reconsideration of the rejection of claims 2 and 3 as herein amended. Claims 2 and 3 contain further limitations of the now believed to be allowable amended claim 1.

**Rejection of Claims 8 and 16 under 35 U.S.C. § 103(A) as being unpatentable over Ramanathan (US Patent No. 6,577,613 B1) in view of Choi et al (US Patent No. 6,272,117 B1)**

Applicant respectfully requests reconsideration of the rejection of claim 8 as herein amended. Claim 8 contains further limitations of the now believed to be allowable amended claim 1.

Applicant respectfully requests reconsideration of the rejection of claim 16 as herein amended. Claim 16 contains further limitations of the now believed to be allowable amended claim 1.

No amendment made was related to the statutory requirements of patentability unless expressly stated herein. No amendment made was for the purpose of narrowing the scope of any claim, unless Applicant has argued herein that such amendment was made to distinguish over a particular reference or combination of references.

The Applicants believe that the subject application, as amended, is in condition for allowance. Such action is earnestly solicited by the Applicants.

In the event that the Examiner deems the present application non-allowable, it is requested that the Examiner telephone the Applicant's attorney or agent at the number indicated below so that the prosecution of the present case may be advanced by the clarification of any continuing rejection.

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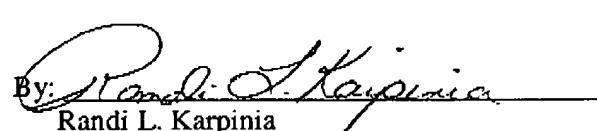
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The Commissioner is hereby authorized to charge Deposit Account 502117, Motorola, Inc, with any fees which may be required in the prosecution of this application.

Respectfully submitted,

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